## Refine Search

Your wildcard search against 10000 terms has yielded the results below.

## Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents	
L5 and cool\$6	10	

Search:	Recall Text 🔷	Clear	Refine Search Interrupt
Database:	US Pre-Grant Publication Full-Te US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulleti		

# DATE: Thursday, May 12, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,	USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=	YES; OP=ADJ	
<u>L6</u>	L5 and cool\$6	10	<u>L6</u>
<u>L5</u>	L4 and (tube or nozzle)	11	<u>L5</u>
<u>L4</u>	L3 and silica	21	<u>L4</u>
<u>L3</u>	L2 and reactor and feed	24	<u>L3</u>
<u>L2</u>	L1 and heteropolyacid catalyst	55	<u>L2</u>
<u>L1</u>	ester and olefin and carboxylic acid	46826	<u>L1</u>

**END OF SEARCH HISTORY** 

### **Hit List**

Your wildcard search against 10000 terms has yielded the results below.

#### Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 20040167353 A1

L6: Entry 1 of 10

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167353

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167353 A1

TITLE: Ester synthesis

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Becker, Stanley John Addlestone GB
Bryne, Geoffrey Bishopston GB
Froom, Simon Frederick Thomas Snaith GB
Hodge, Stephen Robert Beverley GB

US-CL-CURRENT: 560/241

Full - Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Killic | Draw De

2. Document ID: US 20020161124 A1

L6: Entry 2 of 10

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161124

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161124 A1

TITLE: Dispersants prepared from high polydispersity olefin polymers

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Johnson, John R. Euclid OH US

Record List Display Page 2 of 4

Burrington, James D. Mayfield Village OH US Kolp, Christopher J. Richmond Heights OH US Pudelski, John K. Cleveland Heights OH US Dietz, Jeffry G. University Heights US OH McCullough, Gregory R. Seabrook TX US Baumanis, Charles K. Geneva OH US Cerda de Groote, Carlos L. Lakewood OH US

US-CL-CURRENT: <u>525/178</u>

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De

3. Document ID: US 20010047107 A1

L6: Entry 3 of 10 File: PGPB Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047107

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010047107 A1

TITLE: Ester synthesis

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Coker, Eric Nicholas Albuquerque NM US
Froom, Simon Frederick Thomas Snaith GB
Smith, Warren John Feltham GB

US-CL-CURRENT: <u>560/247</u>

Full / Title: | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De

4. Document ID: US 20010029307 A1

L6: Entry 4 of 10 File: PGPB Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010029307 A1

TITLE: Ester Synthesis

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Froom, Simon Frederick Thomas East Yorkshire GB

Record List Display Page 3 of 4

Hodge, Stephen Robert

East Yorkshire

GB

Pacynko, Witold Franciszek

East Yorkshire

GB

US-CL-CURRENT: <u>560/247</u>

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De

5. Document ID: US 6794535 B2

L6: Entry 5 of 10

File: USPT

Sep 21, 2004

US-PAT-NO: 6794535

DOCUMENT-IDENTIFIER: US 6794535 B2

TITLE: Ester synthesis

Full Title Citation Front Review Classification Date Reference Claims NWC Draws De

L6: Entry 6 of 10

File: USPT

Dec 31, 2002

US-PAT-NO: 6500898

DOCUMENT-IDENTIFIER: US 6500898 B2

TITLE: Dispersants prepared from high polydispersity olefin polymers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Claims | KWIC | Draw De

7. Document ID: US 6407170 B1

L6: Entry 7 of 10

File: USPT

Jun 18, 2002

US-PAT-NO: 6407170

DOCUMENT-IDENTIFIER: US 6407170 B1

TITLE: Dispersants prepared from high polydispersity olefin polymers

Full Title Citation Front Review Classification Date Reference

8. Document ID: US 6187949 B1

L6: Entry 8 of 10

File: USPT

Feb 13, 2001

US-PAT-NO: 6187949

DOCUMENT-IDENTIFIER: US 6187949 B1

TITLE: Synthesis of lower aliphatic esters using heterpolyacids with an aldehyde-

free product stream

